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1910 U.S. Dept. of Agriculture

The

Apple Stark "Delicious"

1909

The Apple Stark “Delicious”

A testimonialized and illustrated record of the origin and development of an apple of such unquestioned quality as to merit the principal part of this booklet. Also containing brief descriptions and illustrations of six other apple varieties of merit, together with ten varieties of grape, etc.



Stark Bros. Nurseries & Orchards Co.
General Offices: Louisiana, Mo., U. S. A.

Branch Nurseries:

STARKDALE, Mo.

PORTLAND, N. Y.

DANSVILLE, N. Y.

FAYETTEVILLE, ARK.

MARIONVILLE, Mo.

PERRY, OHIO

ROCKPORT, ILL.

ROLLA, Mo.



SANTA ROSA, CALIF., December 12, 1908.

MR. W. P. STARK, Stark Bros. Nurseries & Orchards Co.,
Louisiana, Mo.

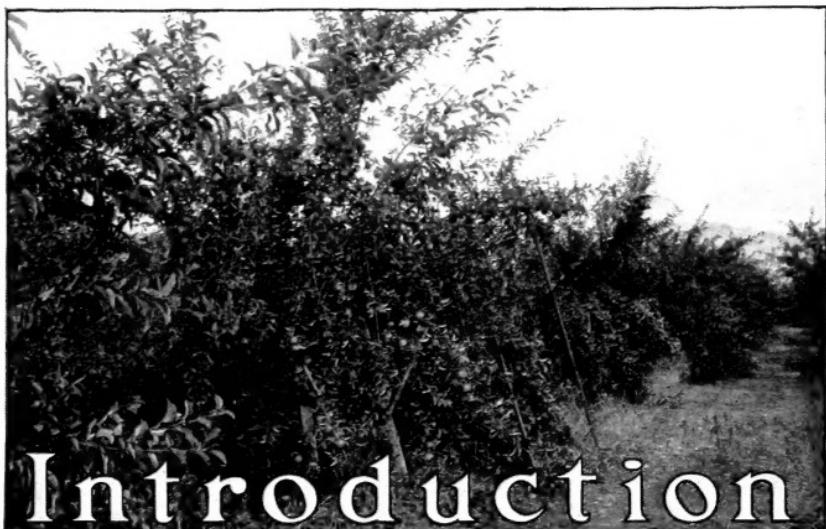
Dear Mr. Stark:—

I wish to report to you on some of the apples of which you sent me grafts a few years ago. The "Delicious" is correctly named. IT IS THE BEST IN QUALITY OF ANY APPLE WHICH I HAVE SO FAR TESTED.

The "Chicago" also is a wonderful apple. We hardly appreciated it until the trees came into abundant bearing. The apple is good and fresh as a dessert apple and superior for cooking. The tree is an abundant and regular bearer here. The fruit is very fine, large; high colored and handsome, and without a blemish.

You sent me also "Jonathan" and "Black Ben Davis." Of these I do not so much care for our climate here, but the two above-named apples, the "Delicious" and "Chicago," are gems.

Yours very truly,
(Signed) LUTHER BURBANK.



Introduction



HIS booklet is not intended as a work of art, nor is it intended to help some idler while away a useless hour; its mission takes it straight to the man who plants fruit-trees, who studies, who wants to plant in his orchard a variety which, when fruiting, will add to his bank account, and bring that contentment that comes during the winter months from "an apple, a book, and a good oak fire." As he reads and munches an apple, let us not think of a Ben Davis or a Baldwin, but a Delicious—crisp, juicy, sparkling, refreshing, healthful.

Delicious is an all-purpose apple; an absolute king commercially; incomparable for dessert; with cream and sugar, like peaches; a good cooking apple—but, in the words of Dr. Warder, "It is too good to cook." In short, as a quality apple, it stands pre-eminent. There are other good ones, and we have them; but when our customers ask for the best, they get Delicious, and we know, when they come into bearing and their value is truly known, these customers will be our friends for all time.

This is our purpose: to tell, and tell plainly and honestly, the merits of one apple—Delicious—the best the earth affords.

To establish a record of the Delicious Apple in the mind of the reader, a brief history of its origination and introduction is essential.

It was originated by the late Mr. Jesse Hiatt, of Peru, Madison County, Iowa, and on his farm the original tree

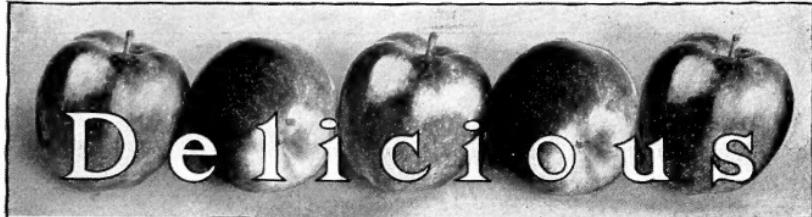
still flourishes. Its propagation and introduction by us began in 1895, at which time we purchased the variety and sole right to its propagation. In July of that year the name "Delicious" was registered by us in the United States Patent Office as a trade-mark. (See page 306 of the 1907 Year-Book of the U. S. Department of Agriculture.)

The original tree is now twenty-six years old and has borne twenty crops without a failure. Forty degrees below zero has killed most other sorts in this orchard of same age, but this tree still stands. It is one of the strongest growers among apples, perfectly hardy in bud and limb. At the present time it has fruited in nearly every apple-growing state in the Union, as well as in foreign countries, and has proven perfectly hardy and entirely satisfactory in bearing qualities and vigor in every case. As a keeper, it ranks with the best, keeping well in storage, coming out in March and April in perfect shape, crisp, fine, and without loss in quality.

We cannot say too much for Delicious—in fact, we cannot command words to express one-half its excellence. We are growing them by the million and will sell every one we grow. When a fruit-grower sees Delicious, notes its delightful, fragrant aroma, and tastes its ideal, delicious flavor, he wants the tree in his orchard.



The originator and original tree of Stark Delicious. This tree, though twenty-seven years old, has borne twenty successive crops without one failure and has withstood 40 degrees below zero.



DELICIOUS was introduced by us more than thirteen years ago. It was originated, as we have said, by the late Mr. Jesse Hiatt, of Madison County, Iowa, a veteran fruit-grower, who, when selling it to us in 1895, wrote as follows: "I am

nearly seventy years old and have raised apples all my life and would not willingly overestimate Delicious for forty such varieties, but if it is not a better apple than any in your large list, it will cost you nothing. I have never seen a man taste it but who says it is the best apple he ever saw. It hangs on the tree as well as Ben Davis, keeps as well, is a good shipper (bruises, instead of decaying, dry up like Ben Davis), is as large, of finer color, as strong a grower, hardier, bears as young, and every year. Once introduced, there will be but little call for Jonathan."

Concerning the original tree of Delicious, Mr. Hiatt said: "The original tree of Delicious is now about fifteen years old and is thirteen inches in diameter at ground. Makes strong, vigorous growth, similar to Winesap, except branches are stronger and need little or no pruning. Both tree and fruit are perfect models. The tree is strong, has finely molded limbs which are adapted to bearing great weights of fruits. Does not sprout or sucker. Does not succumb to blight. Has never shown any signs of tenderness. During the last eight years drouth and cold have killed three-fifths of my orchard, but Delicious withstood it. Bears annually, yields large quantity of luscious fruit, both beautiful and delicious. Praised by all who have tasted it. Has a peculiar quality that cannot be surpassed nor described, and a delicious fragrance. Brilliant dark red, often mingled with gold near blossom end. Splendid winter keeper, equal to Ben Davis. All declare it to be the best apple in the world."

It goes without saying that before undertaking the propagation of this variety we carefully investigated its merits. That we are pushing and urging the planting

The Apple Stark Delicious

of Delicious as ardently as we are to-day is proof that the results of our investigations were wholly satisfactory. We found every statement of Mr. Hiatt's to be absolute truth, and now after thirteen years we offer statements of fruit-growers in all parts of the country in further proof of his claims for this variety, and which of course are our claims. To do this, we have taken the important sentences of the foregoing letter of Mr. Hiatt's, and under each print letters received by us from planters in all sections of the country, for your consideration. Owing to lack of space we necessarily can give but a limited number of letters under each head.



*Hangs as well as Ben Davis, keeps as well,
is as good a shipper (instead of decaying,
bruises dry up like Ben Davis)*



We cannot praise Delicious too highly. Four years ago the writer received a box, gave no special care to keeping, and was over a month using it; found only two decayed apples. This was in January and February, and proves the keeping qualities of Delicious.—M. A. SHUTE, Secy. Colo. State Board of Horticulture, January 27, 1908.

A friend who is in the grocery business here showed me a Delicious Apple. He said, "It is the best apple I have ever seen—retains its flavor and rich juice better than any apple I ever handled." —J. M. IRVINE, Editor *Fruit-Grower*, St. Joseph, Mo.

Delicious is crisp, very juicy, with flavor equal to anything I ever tried. In my opinion, equal to Grimes and appears a better keeper.—C. A. SHAMEL, Associate Editor *Orange Judd Farmer*.

The specimens received from you sixty days ago were very fine, beautiful color, and perfect in every way. Placed them in my house cellar and to-day brought them up and sampled them. Were keeping perfectly. Not a spot on them to indicate decay.—HENRY M. DUNLAP, Ex-Pres. Illinois Horticultural Society.

Delicious has proven a success with me; have been booming it for the past three years. At the State Farmers' Institute meeting the 26th of June, I exhibited Delicious as sound as when taken from the tree the previous fall, and flavor still good. Black Ben O. K., one of our very best; large size, well colored, and flavor far better than Gano, Red Ben, or Ben Davis. Have top-worked my old Ben Davis to better varieties. Of the Ben Davis family you should sell nothing but Black Ben.—R. A. ROLLINS, Flathead Co., Mont., October 26, 1908.

*As large, of finer color, and
as strong a grower*

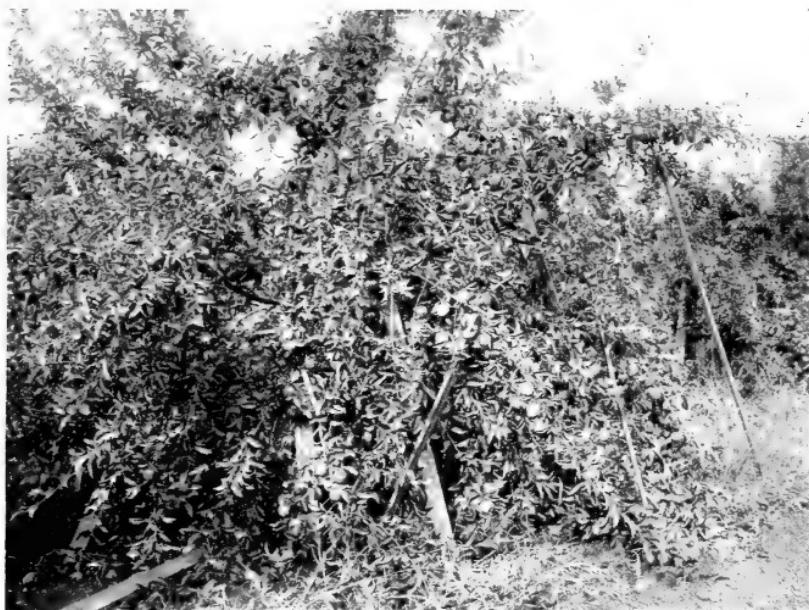


Delicious is the best ever grown, and tree appears hardy all over the state. Delicious is all right—the hardiest, thriftiest tree I have.—J. M. STEPHENS, Meade Co., S. D.

Splendid healthy trees, and the apple delights everybody.—W. B. FELTON, Ex-Pres. Colo. Horticultural Society.

Coming more into demand here than ever. Absolutely free from Woolly Aphis.—D. HAY & SON, Auckland, New Zealand.

The Stark King David Apple



A seven-year-old Delicious tree in the Bailey Orchard, Chelan Co., Wash. One hundred of these trees earned \$2000 for their owner this year.

Delicious, Senator, and Stayman are almost exempt from leaf-scab.—G. W. ENDICOTT, Pulaski Co., Ill.

This section of the country has just been visited by a blight and nearly every variety of apple blighted except Delicious; no sign of it on them. Delicious is a fine tree here, and a fine grower.—D. F. CARROLL, Normal, Nebr.



Hardier, bears as young, and every year



Delicious went through the winter in fine shape. I believe it the apple for this section.—H. LEPPA, Lawrence Co., S. D.

Delicious in full bloom in the freeze of May, but is bearing a full crop; bloom perfectly hardy. Temperature was down to 25 degrees; apples that endure such conditions are valuable.—FRANK FEMMONS, Madera Co., Calif., June 29, 1904.

Later: July 8, 1908. This year, one of the severest I have ever known, Delicious has proven its superiority over all; a fair crop on all the trees with temperature at 26 degrees at blooming time.—F. F.

Delicious and Black Ben stood the past winter; buds of several other varieties killed back. Delicious better than McIntosh.—W. H. SAWYER, Yellowstone Co., Mont.

Delicious is perfectly hardy here.—S. A. WIGGINS, Park Co., Mont.

In the great freeze last year when buds of other varieties were nearly all killed, Delicious suffered but little, if any, injury almost ice-proof.—J. M. ZION, Tippecanoe Co., Ind.

Delicious appears hardy here, showing up well with any other sort in that respect.—C. G. PATTON (Originator of several rare sorts, and one of the best authorities on the apple in this country), Floyd Co., Ia.



The Apple Stark Delicious

Delicious has been bearing here for five years, and it seems they grow to perfection and are annual bearers. I think for the next few years it will keep you busy filling orders for Delicious.—OSCAR REDFIELD, Chelan Co., Wash.



Have never seen a man taste it but who says it is the best apple he ever saw



Delicious is recommended as an apple of very highest dessert quality. We consider it one of the best in that respect—Prof. H. B. GOULD, U. S. Department of Agriculture.

Delicious is the best-flavored apple I ever tasted.—A. J. MASON, Pres. Hood River (Oregon) Apple-Growers' Union.

Delicious in my judgment is the best apple ever raised in the valley of Cashmere.—JOSEPH H. CHASE, Chelan Co., Wash.

Most delicious apples I ever had the good fortune to taste.—W. G. COLE, Madison Co., Mich.

Delicious is a surprise to me. "The proof of the pudding is in the eating." There are thousands of acres of poor varieties set out in this valley and planters will find it out a few years hence.—A. R. TEEPLE, Manager Hagerman Lumber & Hardware Co., Hagerman, Chaves Co., New Mexico.

I understand exactly why the word "Delicious" was coined—there being no other word so aptly describing the quality of this apple. It seems almost like libel to even mention any other apple in comparison with Delicious. I am a great apple-eater, but in all my experience have never tasted an apple with its quality.—WM. B. GOODRICH, Editor Mt. Vernon Register, Jefferson Co., Ill.



Cooks easily and requires no sugar



Delicious is fine to eat out of hand, and, as Dr. Warder said, "It is too good to cook."—GEO. W. ENDICOTT, Illinois Experiment Station.

Delicious seems to me to have a touch of the flavor of pineapple. The most delicious apple I ever had the good fortune to taste.—W. G. COLE, Madison Co., Tenn.

The center of the apple around the core has a marked banana flavor which is soon lost in the melting richness of a luscious muskmelon, and yet its sweetness is not sufficient to control its rich acidity.—D. W. ROBINSON, Paynesville, Mich.

Delicious is the most deliciously flavored apple we have ever tasted, and is unsurpassed as a cooker.—R. M. KELLOGG Co., Three Rivers, Mich.



Once introduced, there will be but little call for Jonathan



For flavor, Delicious is away ahead of all others. A fine-grained, high-flavored, and high-toned apple, ranking with Grimes and Jonathan—in many respects superior to either.—BENJ. NEWHALL, of F. Newhall & Sons, Wholesale Fruit, Chicago.

With the Jonathan color and the Ben Davis size, it is an apple that would instantly attract attention on any market.—F. O. HARRINGTON, before S. E. Iowa Horticultural Society.

Have seldom tasted an apple that meets our idea of a good apple more than it does, its large size, showy appearance, and fine quality making it popular in the market.—*Practical Farmer*, Philadelphia.

Better than Jonathan as a table apple. Can be eaten by people with delicate stomachs, and seems better and better the longer one eats them. It has the most delicate flesh texture I have ever seen

The Stark King David Apple

in an apple, and can be eaten with delight by thousands who cannot eat common apples.—Hon. PARKER EARLE, Ex-Pres. American Horticultural Society.

Later: Warmly commended by those who have it in bearing for its noble appearance and almost unequaled excellence.—P. E.

One of the best sorts you are advertising. I often wonder that you do not place it more prominently before the fruit-growers of the country.—Col. G. B. BRACKETT, U. S. Pomologist, December 6, 1904.

Later: February 6, 1905. To M. S. Shute, Secy. State Board of Horticulture, Colo. Delicious is one of the best-flavored apples grown; merits all the good things said about it.—G. B. B.

Later: March 23, 1908. I have never been disappointed in this apple. Have maintained from the first that it was one of your best.—G. B. B.

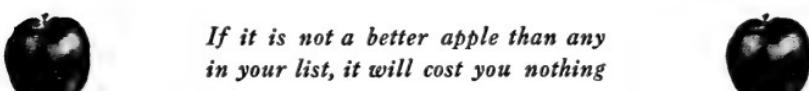
Later: October 17, 1908. Am glad you are making extra efforts to disseminate Delicious. Have always told you I considered it the best of all varieties you have introduced.—G. B. B.

Later: October 23, 1908. To Mrs. Tena Hiatt, Silverthorne, Adair Co., Iowa. Recently I saw this variety fruiting in Tennessee. Wherever I have seen it in various parts of the country it still retains its excellent flavor.—G. B. B.

At the American Horticultural Congress (Council Bluffs, Ia., December 15 to 19, 1908), Delicious caused more comment than any other variety on display. At the close of the Show, on the 19th, apples were sold at auction, Delicious bringing top prices—\$1 per plate of five apples. All boxes of Delicious were sold at fancy prices long before the close of the Show.—JAS. M. IRVINE, Editor *Fruit-Grower*, St. Joseph, Mo.

The only mistake I made in planting your Delicious Apple was in not planting at least 1,000 trees. They are better than you ever claimed them to be, the finest eating apple that man or woman ever tasted. Every one who has had the privilege of eating of it has invariably wanted more. In my judgment, the market will never be overstocked with your leader of the world—Delicious. *It is simply perfect—none better.* Tree is a splendid grower, very fine wood and shapely head. The tree has at this time (December 10, 1908) much of its foliage still hanging, while all others are defoliated entirely.—HENRY C. CUPP, First President Apple-Growers' Congress, Adams Co., Ill.

*If it is not a better apple than any
in your list, it will cost you nothing*



Of all the recent apples you have set out, I have some doubt if you have introduced one that will prove as *reliable all over the country as Delicious*. As a dessert apple it holds about five aces and a queen, and if one trial proves anything, I would judge it will be a fine storage apple. The apple crop here this year was a complete failure except for Delicious and a few Fanny. Frost got a big share of all other varieties and a severe electrical storm finished the job.—GEORGE W. ENDICOTT, Pulaski Co., Ill., 3d V. P. Hort. Society of Southern Illinois, December 28, 1908.

Delicious is worth more on all markets to-day than any other variety.—R. G. DOUGALL, Chelan Co., Wash.

Too much cannot be said of Delicious. This splendid apple is fast becoming the leader.—O. M. BROOKS, Chelan Co., Wash.

Have 100 Delicious trees coming into bearing. Could I do no better, would gladly pay \$1.00 each for the trees. A great fruit well named.—A. N. HICKSON, Yakima Co., Wash.

Have been in the fruit business all my life, and am not stretching a point when I say Delicious is easily king of all quality apples.—JASPER CARDOT, Chautauqua Co., N. Y.

At the S. E. Iowa State Horticultural Society meeting Delicious was cut and passed around, also at the State meeting at Des Moines. They are very fine. As highly colored as the best Jonathan. If King David can beat Delicious in quality it will have to be up and doing.—F. O. HARRINGTON, Iowa Co., Iowa.

The Apple Stark Delicious

Delicious is unsurpassed. It is the finest apple I ever tasted, and I believe I know all of the best.—Rev. E. H. JOHNSON, Delaware Co., Pa.



It always commands from 25 to 50 per cent more on all markets than other varieties



(This statement is not taken from Mr. Hiatt's letter, but is one made by ourselves, and to substantiate it the following proof is submitted:)

Last year we secured a car-load of Delicious and sold them to dealers in Chicago and large eastern cities at about 40 per cent more than other varieties were bringing at that time. Those who had them last year are calling for them now. This year we are selling them 50 per cent higher than Jonathan, Grimes Golden, Rome Beauty, and Alexander. They are just what particular people want in a fine table apple—neither too sweet nor too sour, and a fine looker, also a good keeping apple. Delicious should head the list of all fine apples.—H. Woods Co., Commission Merchants, Chicago. By C. W. WILMERTH, Treasurer.

The Hood River (Oregon) Apple-Growers' Union made this sale on October 11, 1908:—

Delicious.....	\$2.50	per box
Ben Davis.....	1.00	" "
Baldwin.....	1.50	" "
Akin.....	1.50	" "
Jonathan.....	1.50	" "

One hundred seven-year-old Delicious trees in the Blackman orchard, Kittitas Co., Washington, are bowed to the ground with their fruit, and this year, when prices are low, turned a revenue to the owner of \$2,000. \$3,000 per acre would not buy this orchard to-day.—Rev. T. H. ATKINSON, Chelan Co., Wash.

I sold my orchard to Oscar Vanderbilt, and he had some Delicious this year; sold them to a Portland hotel for \$6 per box.—E. L. SMITH, Wasco Co., Oregon.

I saw some glorious apples in our Washington (D. C.) market recently, and among them were Delicious bringing the highest price of all.—Prof. H. E. VAN DEMAN, Ex-U. S. Pomologist.

C. W. Babcock, one of our most successful fruit-growers, picked 125 boxes of Delicious from sixteen seven-year-old trees. He sold the apples for \$3 per box.—Cashmere Valley (Wash.) Record.





Other Varieties



FOR many years we have urged orchardists everywhere to discontinue planting unprofitable sorts of poor quality, such as Ben Davis, Gano, Missouri Pippin, etc., and to prove our sincerity we discontinued their further propagation. That these undesirable sorts are now on the high road to oblivion is proved by the decreasing demand for them; orchardists realizing that greater returns may be had by planting sorts of unquestioned quality, of general adaptability, and which from season to season continue to command the highest market prices.

On the remaining pages are recorded brief but accurate descriptions of sorts well worth the attention of the orchardist who looks well to his investment. Of the sorts of Apple and Grape hereafter described, each has been given a place in these pages because of it being the best of its class and worthy of the most widespread planting.

King David

(*Trade-Mark*)

Probably a cross between Jonathan and Arkansas Black from Washington Co., Ark., and introduced by us in 1903. One of the most beautiful apples grown; size medium to large, resembling Jonathan in shape, though larger; color a deeper, darker, richer red, a blending of the colors of Jonathan and Arkansas Black. Add to its beauty a quality surpassing Jonathan, Grimes, or Spitzenburg, a tree hardy, strong, vigorous growing, a remarkably young and heavy bearer, and you have a variety that must appeal to the man who plants commercially. Its beauty will attract attention on any market and will make it a great favorite for fancy-fruit stand trade. Just a few years, and, like Delicious, it will be on all markets and will be quoted in a class by itself. King David and Delicious are the two great market-quality kings. We urge orchardists everywhere to not plant inferior varieties; plant the best; plant varieties, the excellence of which will make your fruit sell far in advance of the product of the man who plants sorts of indifferent quality.

I think you have found a valuable acquisition to our already long list of valuable varieties.—Hon. G. B. BRACKETT, U. S. Pomologist.

Am hoping much from King David, but it has not fruited yet. Trees the most robust I have ever grown.—Hon. PARKER EARLE, Roswell, N. M.

King David, a very rich red, makes a most beautiful apple. Hangs on the tree well, equal to Ben Davis and just as productive; quality is equal to Spitzenburg; picked three boxes from one scion grafted on Ben Davis. It is the finest apple you have for this part of the country; the most beautiful apple grown; can't help but sell anywhere and ahead of all others. Have heard nothing but King David all this season. Have had to date fifty-two parties at my place to see these apples. Delicious is here to stay; it is all its name implies, and more too. Champion is well distributed over the tree, gets well colored, and is a long keeper; kept some of last year's crop in a common cellar until the first of June.—F. DANDO, Chelan Co., Wash.

Your new Kings—Ben Hur and King David—are the two best apples, in my judgment, ever introduced. Think of it, a Ben Davis in growth, better color, extra quality, larger size, and the latest bloomer, is Ben Hur. King David best grower, long spreading branches; blooms later than any of the Winesaps, and is surely a good grower.—J. F. RICE, Jackson Co., O.

I have King Davids that knock the spots off of your plate which you had made last year. Some of them measure 11½ inches in circumference. They hang as well as the old Winesap, very few of them have fallen yet, and we have had lots of very heavy windstorms this summer. They were grown without irrigation, and this has been one of the most trying years we have had since I came here. No rain for nearly five months and very hot weather part of the time, but King David, both tree and fruit, have done fine.—G. T. GOUNDRAY, Douglas Co., Wash.

I secured some King Davids at the National Apple Show, at Spokane (December 5 to 12, 1908), and used them in demonstrating their superiority over Jonathan. Eat a piece of Jonathan, then a

The Stark King David Apple

piece of King David, and then follow with another piece of Jonathan, and the last piece of Jonathan becomes insipid. The 151 boxes of Delicious in the car-load exhibit of Mr. Horan, of Wenatchee, Wash., which won the first prize of \$1,000, attracted much attention. They were magnificent.—T. H. ATKINSON, Chelan Co., Wash.

King David bore fine fruit, finer and later than Jonathan. Excellent.—G. A. GROSS, Troy, Ind., October 26, 1907.

King David and Ben Hur are the two best apples, in my judgment, that were ever introduced. King David the best grower, long spreading branches, blooms later than any of the Winesaps.—W. H. SCOTT, Laclede Co., Mo.

King David best grower of all. Only one of Winesap family that shows late bloom. Its blooming period lapped over on Grimes Golden; bloomed like Wealthy, all along the limbs. We are sending you a King David Apple taken from tree planted two years ago; trees were one year old when planted.—JOHN BENNETT, San Diego Co., Cal.

Mr. I. E. Alexander has about 300 two-year King David trees. Told me he had a few apples and they were very fine.—JAMES H. CHASE, Chelan Co., Wash.

King David is surely a fine-looking apple, good size and fine color. Mr. Warren went East a short time ago, took several specimens with him, and writes back he could have sold bushels of them at 10 cents each. They are a fine-looking apple.—J. E. ALEXANDER, Chelan Co., Wash.



A Stark King David tree, three years old from planting,
bearing its second crop.

Stayman Winesap

A seedling of the old Winesap; larger, better quality, more productive, equally hardy, better grower; good keeper; size large to very large; almost covered with dark red, indistinctly striped, fine grain, tender, crisp, juicy; quality very best, and, as a quality apple, is in a class with Delicious, King David, Senator, and Jonathan. Originated in Kansas by the late Dr. Stayman over forty years ago, and it is just now beginning to be appreciated; one of the really great apples.

About twenty years ago I first knew Stayman Winesap, decidedly larger, as highly colored as Winesap, better in tree; both quality and color all right; flavor very fine. You need not be afraid to push it.—Prof. H. E. VAN DEMAN.

Stayman is the best in quality of any of the new sorts I have yet fruited.—BENJ. BUCKMAN, Sangamon Co., Ill.

I do not believe there is any other variety as profitable. Will adapt itself to almost any soil or climate. For this section no better winter apple in existence.—J. W. KERR, Peninsula Agricultural Society.

My 500 Stayman Winesap planted six years ago are doing fine. I had some of the apples at the Wichita Fair this last week which took both first and second prize. Twenty-one apples weighed $25\frac{1}{2}$ pounds.—F. R. SMITH, Sedgwick Co., Kan.

Stayman Winesap has become my favorite eating apple. I never tire of it; has a fine apple flavor and a pleasing mild acid that gives it a satisfactory character; a handsome tree, strong and healthy, with a bloom full of life and vigor; hardy and not easily injured by frost; has not missed bearing since first fruiting.—FRANK FEMMONS, Madera Co., Cal.

Stayman Winesap is a good apple, large size, uniform; tree very hardy and prolific; quality very high. It is all that Dr. Stayman claimed for it.—B. F. CARROLL, Lancaster Co., Neb.



One branch of a seven-year-old Stayman Winesap—a new kind of gold-mine.

Senator

(*Trade-Mark*)

One of the most beautiful of all apples; medium to large, bright rich red on a greenish yellow ground, with large conspicuous dots; flesh white, sometimes faintly pink beneath the skin; an agreeable blending of acid and sweet, with an intense apple flavor. It was one of the striking features of the Arkansas Fruit Exhibit at the World's Columbian Exposition in Chicago in 1893 and the Cotton States Exposition at Atlanta in 1895.

Just right in size and color, so strikingly marked; attracts buyers; easily remembered.—Hon. PARKER, Ex-Pres. American Horticultural Society.

Attractive, dark red, good quality, good size, desirable shape, smooth and uniform; appears to be one of the most promising for the New York fruit-grower. Hardy, healthy, vigorous; bears young, productive; hangs well to the tree, little loss from dropping or culls.—Prof. S. A. BEACH, in "Apples of New York."

Flavor suggests a combination of Spitzenburg and King, though less acid. No apple of its season excels Senator in quality.—*Rural New Yorker*.

Young and abundant bearer, a beautiful fruit, medium size, good quality.—E. A. RIEHL, Illinois Experiment Station.

All right in every respect; hardy, long-lived, heavy bearer; should be headed low.—Col. W. G. VINCENHELLER, Ark. Experiment Station.

Later: This year Senator brought more money than Jonathan, Grimes Golden, or Arkansas Black. It is a great pity that this magnificent apple has not been more heavily planted.—W. G. V.

A fruit-grower at Darby this Valley has 800 of your Senator trees which promise to be very valuable. The apples are highly praised.—R. PARKHURST, Ravalli Co., Mont.

Senator has been fruited the past four years and is a beautiful large red apple of excellent quality.—Illinois Experiment Station, 1907.



Champion

(*Trade-Mark*)

A market apple of great value; tree hardy, thrifty, finely shaped, with strong branches which never split and rarely break under its immense crops; has perfect foliage and tough, strong, drouth-resistant roots; a very young bearer, often bears the second and third year after planted, and if a filler is wanted in an orchard, Champion is the very best that can be planted; on the market it always brings from 40 to 50 per cent more than Ben Davis; one of the best keepers, and late in the spring it is in its prime. We can hardly say too much for Champion; as a winter apple, especially South, it has hardly an equal; should also be planted

The Apple Stark Delicious



A four-year-old tree of Champion bearing a money-making crop.

liberally in the far West for Alaskan and Oriental shipments; its splendid keeping qualities make it the ideal apple for this trade.

Have just seen some very fine Champion, nine-year trees loaded; not failed since they began bearing—five successive crops; most beautiful apple; in demand for cold storage; will be fine for May and June markets; the best money-maker except early apples for this country. If all the Ben Davis and Winesap in this part of Arkansas were Champion they would be worth 50 per cent more.—From notes taken in Northern Arkansas last season by C. M. STARK.

Champion, Ingram, and Black Ben are giving great satisfaction to the owners this year.—Hon. PARKER EARLE, Chaves Co., New Mexico.

A young and regular bearer, holding its fruit well until picking time; not high in quality early in the season, but holds its plumpness and juiciness until late winter and spring.—E. A. RIEHL, Illinois Horticultural Society.

Champion is a very fine tree, an early and continuous bearer medium size, fine color, uniform shape, magnificent keeper; bears all over and through the tree-top, but hangs singly, which in this day of spraying is a distinct advantage. No blight.—F. O. HARRINGTON, Iowa Horticultural Society.

We have no idea of marketing Champions before June, at which time we expect to get \$7 per barrel for them.—CONRAD SCHOPP FRUIT CO., St. Louis, Mo.

Every barrel was sold at that price.—STARK BROS.

This year, Champion kept up its reputation as a prolific bearer, which is very noticeable in a year of failures. Fruit is of fine appearance, being remarkably uniform in size and shape and finely colored.—Report Iowa Hort. Society.

Champion is a young bearer, fruit of uniform size, and its fine keeping qualities make it a very valuable apple. I have kept specimens in a brick cave until July.—B. F. CARROLL, Lancaster Co., Neb.

The Stark King David Apple

Champion full; fine; my best payer.—J. F. BANE, Washington Co., Ill.

Fine crop in 1902 and each year since, and the finest crop of smooth apples in the orchard this year. Toughest tree in the orchard; far healthier than Ben Davis or Winesap, and it outbears and outpays all others I have tried.—L. F. WEBER, Washington Co., Ark.



Black Ben

(Trade-Mark)



This variety should be planted in every case where an apple of the Ben Davis family is wanted. It will grow to perfection in any soil and in any climate that will produce the old Ben Davis, and is superior in every way; larger, solid dark red in color, and better quality. We do not claim for Black Ben the high quality of Delicious, King David, Stayman Winesap, Senator, etc., but we do claim, and the fruiting of the variety has proven, that it is the very best of the Ben Davis family. It is now fruiting everywhere; one of the most magnificent of apples; so beautiful that it will always sell at a high price on the markets. Ben Davis, Gano, and Missouri Pippin are being discarded. We advise orchardists who have planted these sorts to top-graft over to such varieties as Delicious, King David, and others which command higher prices.



The original tree of Stark King David.

"Too many undesirable trees like Ben Davis have been planted. In Washington Ben Davis sold at 50 cents per box, while Delicious and other high-quality apples brought profitable prices. Orchardists are grafting over Ben Davis and other undesirable kinds." The foregoing was stated to us by Mr. T. H. Todd, Treasurer of the Missouri State Board of Horticulture, New Franklin, Mo. Mr. Todd has just recently visited the greatest orchard regions of the far West.

Black Ben O. K. One of our very best; large size, well colored, and flavored far better than Gano, Ben Davis, or Red Ben Davis. My Ben Davis I have top-worked to better varieties. Of all the Ben Davis family you should sell nothing but Black Ben. — R. A. ROLLINS, Flathead Co., Mont.

Black Ben doing fine here. Mr. Thurman showed me a beautiful specimen to-day; very high color. He thinks it will have a great future. Ben Davis is no good, of very poor quality and does not mature.—J. N. NOBLE, Flathead Co., Mont.

Black Ben is a fine commercial sort; in size and beauty of coloring they cannot be surpassed.—M. T. ROBERTSON, Wright Co., Mo.

Black Ben is king of the apple family for this climate; trees grow better than any other variety; a great keeper.—D. M. HARK-RADER, Warren Co., Ill.

Black Ben is very much better than Ben Davis, and I believe, as Mr. E. P. Powell says in *Rural New Yorker*, that "an orchard of them is as good as a gold-mine."—HENRY ROEHNER, Northampton Co., Pa.

Black Ben about the only apple that bore well this year of frosts.—H. S. BOROUGH, Yakima Co., Wash.

Black Ben will take the place of our Ben Davis, which is such an excellent apple here.—FABIAN GARCIA, Horticulturist, New Mexico College of Agriculture.

Black Ben bore last year; they were grand. Tree very hardy; stood a temperature of 40 degrees below zero.—J. R. WIGGINS, Quebec, Canada.



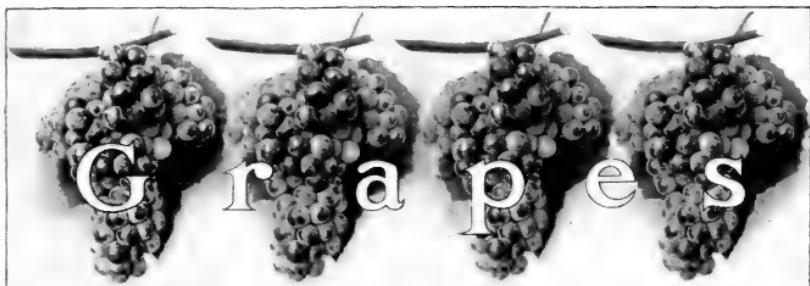
Giant Jeniton

(Trade-Mark)



A seedling of Jeniton; identical in quality with its parent, but 50 per cent larger, better color; proving successful wherever Ingram has been grown and farther north also. Splendid foliage and tree, late bloomer. Our Superintendent at Rolla Experiment Orchard writes us under date of April 13, 1907: "Giant Jeniton one of the latest bloomers of all varieties in the orchard. King David and Champion also very late bloomers." Tree very hardy, vigorous, and shapely. We recommend it and urge its planting wherever the old Jeniton thrives.

Giant Jeniton is hard as a rock. Of good medium size, a perfect apple, and a late keeper. Resembles Ingram, but larger, smoother, and better in every way; a late bloomer.—G. A. GROSS, Perry Co., Ind.



Eclipse—(Trade-Mark)

RIGINATED by E. A. Riehl, of Alton, Ill., Ex-President Illinois Horticultural Society, and well known as one of the most conservative horticulturists in the country. Right to propagate and sell the variety was secured by us after careful investigation and testing, and we unhesitatingly recommend it as the earliest black and best black grape in existence. Ripens a week or ten days before Moore Early; averages about the size of Concord, but far better in quality; succeeds over a large territory.

Have tested all grapes introduced for the past forty years, and I am confident that Eclipse is best in quality of any very early grape we have; good grower, hardy, healthy, productive. Mr. Ayres, of the Valley Ridge Experiment Station, has fruited it four years and is greatly pleased with it.—E. A. RIEHL, Originator.

Eclipse is the best thing in sight for money-maker south of latitude 39; good vine, healthy, and earliest grape known. I would rather have it as a money proposition than any fifty other varieties you could name. Have watched it for years, and the only regret I have is that I have not ten acres of them.—G. W. ENDICOTT, Pulaski Co., Ill., 3rd Vice-Pres. Horticultural Society of Southern Illinois.

I consider Eclipse far ahead of all early grapes; bunch and berries much like Concord, but of much better flavor. It is earlier than



A bunch of Eclipse

The Apple Stark Delicious

the earliest; as good as the best, healthy, and seems to have no drawback. It certainly will be a Bonanza for both home and market.—E. J. AYRES, Supt. Ill. Experiment Station.

Later: Eclipse still holds its own as the earliest grape; no grape comparing with it in earliness, healthy foliage, size of bunch and berries; better than Concord; destined to hold a large place for home and market.—E. J. A.



King Philip

(Trade-Mark)



Originated by N. D. White, Norfolk County, Mass., "the Burbank of the Bay State." It is a hybrid of the labrusca, riparia, and vinifera, the three best species to combine for a table grape. Mr. White describes the grape as follows: "Hardy, early, vigorous, has so far withstood the New England winters without protection and is as free from mildew as Concord or Worden. The vine most resembles the native species, while the fruit resembles the foreign, having the appearance and quality of the Black Hamburg, and is a most delicious grape, a long keeper and good shipper. It seldom has more than one seed and is perfectly tender to the center, unequaled by any other grape." We have great confidence in King Philip; in fact, no variety we have ever introduced has impressed us more favorably.



Sunrise

(Trade-Mark)



A production of Prof. Joseph Bachman, of Franklin County, Ark., who says of it: "Seedling of Brilliant; strong grower, with far more and better foliage; a most beautiful red grape, ripening extremely early; none earlier, and of the very best quality; none better; bunches rather open, therefore berries, although very tender in skin, never crack and keep remarkably well. The earliest grape I know. Earlier than Champion, Moore, or Brilliant; skin too thin to permit of distant shipping, but ideal grape for home use and early market." Sunrise is one of the sweetest, most delicious grapes we have ever tasted; entirely free from astringency and foxiness; after careful testing and realizing its value we purchased the entire right to propagate the variety from Prof. Bachman, paying \$500 therefor. This and Eclipse the two great early grapes.

The Stark King David Apple

Quality high, with clusters and berries large; being so early it must be a great local market and table grape.—T. V. MUNSON, Grayson Co., Tex.

Quality all that could be desired; about the size of Concord; dark-red skin thin, pulp very tender, bunch large. I know of no extra-early grape with as many good points.—E. H. RIEHL, Illinois Experiment Station.

Clusters and berries of good size, handsome color; its earliness is also in its favor; devoid of foxiness.—Prof. G. C. HUSMANN, U. S. Department of Agriculture.

Moore Early



Larger than Concord, same color and flavor; very popular for early market; moderate grower, healthy, and hardy; productive.

Lutie



Large, dark, rich red, pulp tender, juicy, pleasant flavor, somewhat foxy; seldom rots; ripens with or slightly after Moore Early; vigorous, healthy bearer, bunches very compact; a good grape everywhere; succeeds better south than nearly any other.

In the way of red grapes Lutie stands at the head of the list for profit; very hardy, and so vigorous that even when allowed to overbear the vines are not seriously injured. It is remarkably sweet, and, although somewhat foxy, it always sells well.—*Colman's Rural World*.

Brighton



Delicious early red; large, rich, and delicious; imperfect blossom—should always be planted with other sorts for cross-pollination, such as Diamond, Worden, Sunrise, etc. A strong thrifty grower.

One of the best red grapes for this section, country and quality considered; whereas Catawba and Delaware, even with petting, cannot be grown successfully.—E. H. RIEHL, Illinois Experiment Station.

Diamond

(*Moore's Diamond*)



Most satisfactory early white; vigorous, hardy, and productive; large bunch, greenish white, pale yellow when fully ripe; very juicy and sweet.

Lindley

Bunch medium, seldom shouldered, very large; light red with firm tough skin; a very handsome and attractive grape; of very best quality; a poor self-pollenizer, should be grown with Worden or Concord; succeeds well south as well as farther north.



Niagara



All things considered, probably the most valuable white grape; succeeds almost everywhere; very hardy and immensely productive; bunch large and handsome; very compact, occasionally shouldered, very large, does not crack, a splendid shipper; when fully ripe has a flavor and aroma peculiarly its own; sells well in all markets.



Wilder



Berry large, round, black; flesh, tender, juicy, sweet; ripens after Concord; bunch very large, compact, shouldered; vine vigorous, hardy, and a good bearer; valuable on account of size and beauty.



Banner

(Trade-Mark)

This great grape was originated by Prof. Joseph Bachman, of Franklin Co., Ark., famous as a breeder of new grapes. We watched its behavior for years, and after certain of its worth bought the sole right of introduction, paying therefor the sum of \$500. In vine and fruit Banner is almost ideal; very strong, vigorous, remarkably resistant to insect attack

The Stark King David Apple

and fungus. Immensely productive; berry as large as Concord; a rich brilliant red; quality is very best, equal to Delaware; bunch large to very large; compact, shouldered, skin thin but tough; unsurpassed as a table and shipping grape, and makes a delicious white wine.

Showers nearly every day for three weeks, very trying weather on grapes, and all those with the least tendency to crack, such as Concord, Worden, and scores of others, are almost a complete loss. Banner has not cracked and is a great beauty; follows Delaware immediately; no grape known to me is more hardy, vigorous, or productive.—Prof. JOSEPH BACHMAN, Originator.

A beautiful red grape; is handsome as possible for a red grape to be, and as good as the best in quality.—E. H. RIEHL, Madison Co., Ill.

Delighted with it; size, flavor, beauty, compactness of bunch all that could be desired. While its color adds to its attractiveness, its season adds another big star to its crown. Showed it to Mr. Endicott, who is among the very best judges of grapes, and he was very enthusiastic. Said he thought it the greatest acquisition in years.—E. J. AYRES, Director Ill. Experiment Station.

As handsome as possible for grapes to become, and quality very fine.—F. O. HARRINGTON, Iowa Co., Iowa.

Exceptionally attractive on account of the beautiful color, desirable form, and size of cluster. Excellent in quality, ripens at a good season. It has been fruited by Mr. M. J. Graham, Dallas County, this state. This is certainly encouraging as to hardiness.—Prof. S. A. BEACH, Horticulturist Iowa Agricultural College.

Remarkably handsome, similar in color to Delaware, but far more choice in bunch and berry, and the sweetest grape without foxiness I ever tasted of all American varieties.—Prof. W. F. MASSEY, sixteen years Horticulturist North Carolina Experiment Station.

Amoor River Privet

Magnificent for screen or hedge for yards or lawns; dense and handsome; also splendid for single specimens; even hardier than California Privet; blooms in beautiful spikes of white flowers; evergreen in the south, and nearly so in all sections; the most popular of all Privets; can be sheared to any desirable shape; stands transplanting well, and we recommend it as the very best for ornamental hedge; to secure dense effect and a perfect hedge, plant two or three rows close together and keep sheared back.

The Apple Stark Delicious



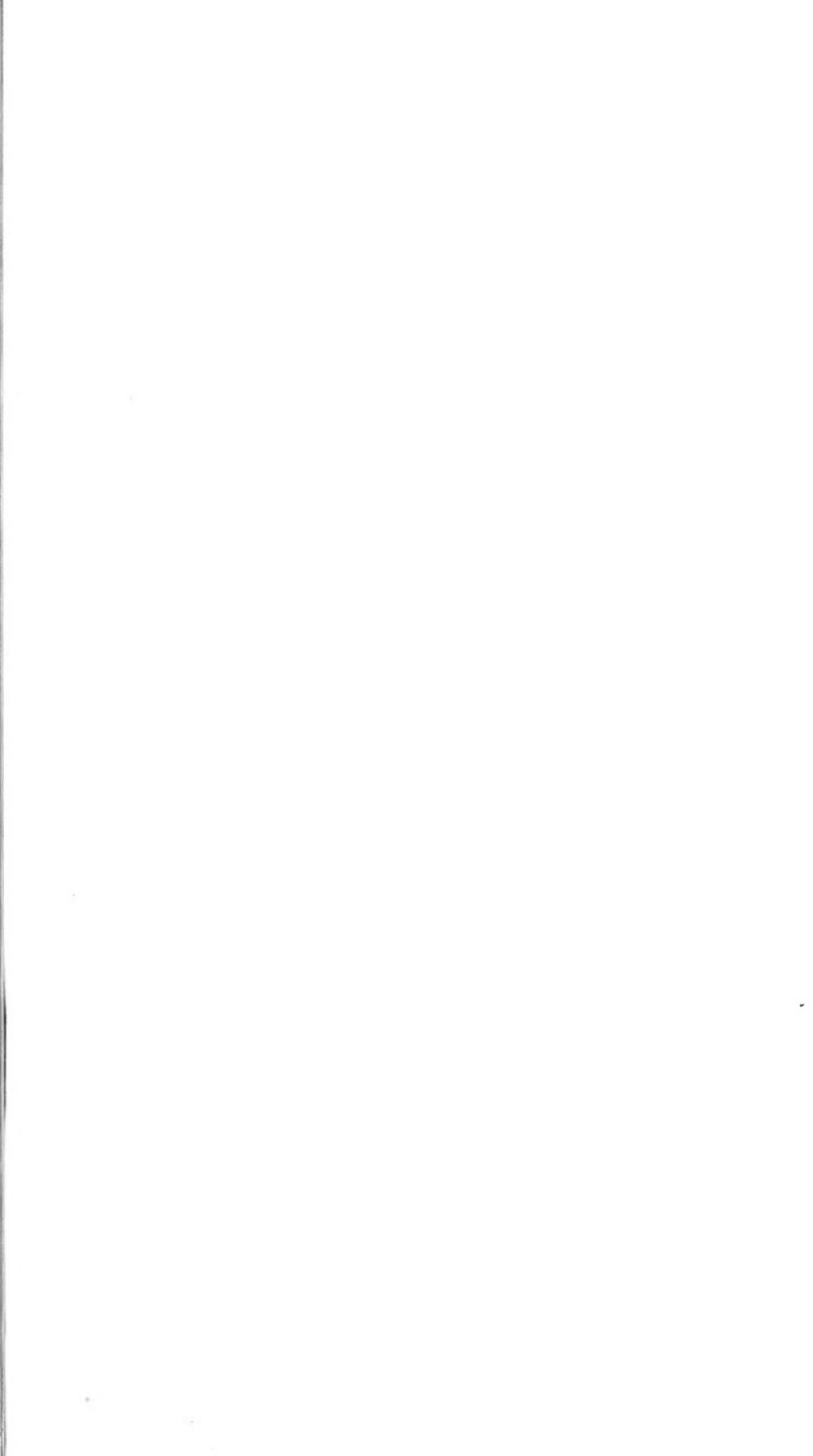
Amoor River Privet hedge with Norway Maple trees.

Norway Maple

Rather too low branching for street, but one of the most desirable of all shade-trees for park or garden; a hard-wooded tree, moderately slow in growth, but well worth the extra time; deep green, dense, shining foliage, makes a very large and very handsome tree.



The Stark method of packing.



The Stark "King David" Apple

